

Greenhouse gas report 2010/11 – South Norfolk Council

Summary data

Greenhouse gas emissions data for period 1 st April 2010 to 31 st March 2011		
	Global tonnes of CO ₂ e	
	2010/11	Base Year 2009/10
Scope 1	1,991	2,085
Scope 2	1,236	1,273
Scope 3	92	115
Total gross emissions	3,319	3,473

1. Organisational information

South Norfolk Council (SNC) is a district rural authority covering 54,074 households. In addition to its head office in Long Stratton, the Council's property portfolio includes 3 leisure centres (two with swimming pools), a depot, 2 business centres, 5 hostels, public conveniences, and a tourist information centre. All Council services (refuse collection, street cleaning, pest control etc) are run in-house. The council employs around 350 staff, many of whom use their own vehicles for site visits and business travel.

2. Carbon reduction strategy

South Norfolk Council has a Carbon Management Plan in place which was approved by Cabinet in April 2010. This strategy outlines how the Council will reduce the carbon emissions from its own operations by 20% by 2013/14. The Plan can be downloaded [here](#).

3. Reporting period

Reporting periods relate to the financial year, from 1st April to 31st March. The baseline year is 2009/10.

4. Operational scopes and data collection

We have measured our relevant scope 1 and 2 emissions as shown below. Staff business travel is included under scope 3. Data is collated using the methodologies previously used for reporting data under the local authority performance framework for national indicator 185 and by applying DEFRA's (2010) greenhouse gas conversion factors. The carbon emissions from burning oil and natural gas have not been corrected for the weather.

Scope	Description	Relevance to SNC	Source of data
1	Direct emissions - activities owned or controlled by SNC that release emissions straight into the atmosphere (e.g. combustion in boilers, vehicles)	Gas and oil-fired boilers in buildings	On-site monthly meter readings cross-referenced with information from utility bills
		Fuel consumed by vehicle fleet	Fuel management system providing vehicle-specific data
		Fuel used by grounds maintenance	Fuel cards (petrol) and delivery invoices (red diesel)
2	Energy indirect emissions - emissions that are a consequence of Council activities but which occur at a source not owned or controlled by the Council (e.g. consumption of purchased electricity)	Electricity used in buildings	On-site monthly meter readings cross-referenced with information from utility bills
3	Other indirect emissions - emissions that are a consequence of Council activities, which occur at a source not owned or controlled by the Council and which are not classed as scope 2 emissions (e.g. business travel)	Staff and Member business travel (personal cars and rail)	Monthly mileage claims and train travel records

5. Breakdown of greenhouse gas emissions

The table below shows the greenhouse gas emissions for the last 2 years from SNC operations. These figures include emissions of CO₂, methane (CH₄) and nitrous oxide (N₂O).

GHG emissions data for period 1 st April 2010 to 31 st March 2011		
	Global tonnes of CO ₂ e	
	2010/11	Base Year 2009/10
Scope 1		
Gas consumption	596	647
Burning oil consumption	213	189
Owned vehicles - diesel	1,152	1,211
Grounds maintenance - petrol	3	9
Gas oil (red diesel)	27	29
Scope 2		
Purchased electricity	1236	1273
Scope 3		
Business travel	92	115
Total emissions	3,319	3,473

6. Change in emissions

Our reported emissions have fallen this year by 4.4%. The Council has driven efficiencies through no cost projects which result in more efficient use of resources. For example, changes have been made to the backwashing routines at our wet leisure centres, waste collection rounds have been revised, new garden waste tipping sites are used to minimise mileage and staff awareness initiatives have been undertaken.

The Council has also installed a number of energy efficient technologies at our properties which will pay for themselves in less than 5 years. These include voltage optimisation at our wet leisure centres, motion sensors, energy efficient lighting, pool covers and virtual servers. Drivers of the Council's light goods vehicles have received eco-driver training.

7. Target

Our emissions reduction target is to reduce our CO₂ emissions by 20% by 2013/14. This includes emissions from scopes 1, 2 and 3 (scope 3 - business travel only).